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NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
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NEWS	18	SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
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=> file caplus uspatful japio

COST IN U.S. DOLLARS

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TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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=> s arthritis and treatment# and symptom#

L1 27287 ARTHRITIS AND TREATMENT# AND SYMPTOM#

=> s l1 and endoprosthe?

L2 37 L1 AND ENDOPROSTHE?

=> s l2 qand polyacrylamide#

MISSING OPERATOR L2 QAND

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s 12 and polyacrylamide#
L3 2 L2 AND POLYACRYLAMIDE#

=> d 13 1-2 ibib abs

L3 ANSWER 1 OF 2 USPATFULL on STN
ACCESSION NUMBER: 2003:94026 USPATFULL
TITLE: **Polyacrylamide** hydrogel for **arthritis**
INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065389	A1	20030403
APPLICATION INFO.:	US 2001-938668	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hydrogel for use as a prosthetic device for supplementing, augmenting or replacing cartilage in the intra-articular cavity of a joint and for **treatment** or prevention of **arthritis**. The hydrogel may be a **polyacrylamide** hydrogel obtained by combining acrylamide and methylene bis-acrylamide. A prosthetic device comprising the **polyacrylamide** hydrogel is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1418188 EUROPATFULL EW 200420 FS OS
TITLE: **Polyacrylamide** hydrogel and its use as an **endoprosthesis**.
Polyacrylamidhydrogel und seine Verwendung als Endoprothese.
Hydrogel de **polyacrylamide** et son utilisation comme endoprothese.
INVENTOR(S): The designation of the inventor has not yet been filed
PATENT ASSIGNEE(S): Contura S.A., Grand'Rue 3, 1820 Montreux, CH
PATENT ASSIGNEE NO: 4034190
AGENT: Plougmann & Vingtoft A/S, Sundkrogsgade 9 P.O. Box 831, 2100 Copenhagen O, DK
AGENT NUMBER: 101176
OTHER SOURCE: MEPA2004039 EP 1418188 A2 0029
SOURCE: Wila-EPZ-2004-H20-T1a
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE

EP 1418188 A2 20040512
'OFFENLEGUNGS' DATE: 20040512
APPLICATION INFO.: EP 2004-2645 20010825
PRIORITY APPLN. INFO.: DK 2000-20001262 20000825
RELATED DOC. INFO.: EP 1287048 DIV

=> d 12 1-10 ibib abs

L2 ANSWER 1 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:141025 USPATFULL
TITLE: Hair used as a biologic disk, replacement, and/or
structure and method
INVENTOR(S): Zucherman, James F., San Francisco, CA, United States
Hsu, Ken Y., San Francisco, CA, United States
PATENT ASSIGNEE(S): St. Francis Medical Technologies, Inc., Alameda, CA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6746485	B1	20040608
APPLICATION INFO.:	US 2000-504826		20000216 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-120486P	19990218 (60)
	US 1999-163224P	19991103 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Stewart, Alvin	
LEGAL REPRESENTATIVE:	Fliesler Meyer LLP	
NUMBER OF CLAIMS:	75	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	633	
AB	Hair is used as a biologic disk, replacement, and/or structure.	

L2 ANSWER 2 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:128145 USPATFULL
TITLE: Human spinal disc prosthesis
INVENTOR(S): Bryan, Vincent, Mercer Island, WA, UNITED STATES
Kunzler, Alex, Bellevue, WA, UNITED STATES
PATENT ASSIGNEE(S): SDGI Holdings, Inc., Wilmington, DE, UNITED STATES
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004098131	A1	20040520
APPLICATION INFO.:	US 2003-713837	A1	20031114 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-776394, filed on 2 Feb 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HAYNES AND BOONE, LLP, 901 MAIN STREET, SUITE 3100, DALLAS, TX, 75202		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Page(s)		
LINE COUNT:	483		
AB	The invention relates to a spinal disc endoprosthesis . The endoprosthesis has a resilient body formed of one or more materials which may vary in stiffness from a relatively stiff exterior annular gasket portion to a relatively supple central nucleus portion.		

Concaval-convex elements at least partly surround that nucleus portion so as to retain the nucleus portion and gasket between adjacent vertebral bodies in a patient's spine. Assemblies of **endoprosthetic** discs, **endoprosthetic** vertebral bodies, and **endoprosthetic** longitudinal ligaments may be constructed. To implant this **endoprosthesis** assembly, information is obtained regarding the size, shape, and nature of a patient's damaged spine. Thereafter, one or more prosthetic vertebral bodies and disc units are constructed in conformity with that information. Finally, the completed and conformed vertebral body and disc assembly is implanted in the patient's spine.

L2 ANSWER 3 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:70657 USPATFULL
 TITLE: Use of hyaluronic acid derivatives for the prevention of inflammatory **arthritis**
 INVENTOR(S): Venbrocks, Rudolf, Hainspitz, GERMANY, FEDERAL REPUBLIC OF
 Roth, Andreas, Eisenberg, GERMANY, FEDERAL REPUBLIC OF
 Mueller, Peter-Juergen, Jena, GERMANY, FEDERAL REPUBLIC OF
 Moeller, Stephanie, Jena, GERMANY, FEDERAL REPUBLIC OF
 Ozegowski, Joerg, Jena, GERMANY, FEDERAL REPUBLIC OF
 Peschel, Gundela, Jena, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053885	A1	20040318
APPLICATION INFO.:	US 2003-399710	A1	20030721 (10)
	WO 2001-DE3984		20011019

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10053053	20001019
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JACOBSON HOLMAN PLLC, 400 SEVENTH STREET N.W., SUITE 600, WASHINGTON, DC, 20004	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	505	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Rheumatoid **arthritis** is a chronic inflammatory disease, leading to joint destruction. Conventional therapy is based on pain-reduction and an improvement in the frictional properties of joints, in order to delay the time for operative intervention. A lack of specifically-acting agents for drug-based therapy for **arthritis** exists. The formulations comprise sulphated hyaluronic acids with varying degrees of sulphation, or the pharmacologically acceptable salts thereof and, optionally, hyaluronic acid and/or hyaluronic acid uronide. The pharmaceutical formulations are highly concentrated injection preparations with an aqueous, viscous, gel-like, or paste-like form, or a low-concentration rinsing fluid for intra-articular application.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:63289 USPATFULL
 TITLE: Use of neurotoxic substances in producing a medicament for treating joint pains
 INVENTOR(S): Meyer, Dominik, Zurich, SWITZERLAND

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2004047807	A1	20040311
APPLICATION INFO.:	US 2003-466973	A1	20030811 (10)
	WO 2001-CH53		20010124
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	RANKIN, HILL, PORTER & CLARK, LLP, 700 HUNTINGTON BUILDING, 925 EUCLID AVENUE, SUITE 700, CLEVELAND, OH, 44115-1405		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	464		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to the use of neurotoxic substances, which have a toxic effect in particular for the axon and the nociceptive nerve endings, for the preparation of an agent for the **treatment** of joint pain.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 37 USPATFULL on STN

ACCESSION NUMBER:	2003:213811	USPATFULL
TITLE:	G protein coupled receptor agonists and antagonists and methods of activating and inhibiting G protein coupled receptors using the same	
INVENTOR(S):	Kuliopulos, Athan, Winchester, MA, UNITED STATES Covic, Lidija, Somerville, MA, UNITED STATES	

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003148449	A1	20030807
APPLICATION INFO.:	US 2002-251703	A1	20020920 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-841091, filed on 23 Apr 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-198993P	20000421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Ingrid A. Beattie, Ph.D., J.D., Mintz, Levin, Cohn, Ferris,, Glovsky and Popeo, P.C., One Financial Center, Boston, MA, 02111	
NUMBER OF CLAIMS:	102	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	28 Drawing Page(s)	
LINE COUNT:	2816	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates generally to G protein coupled receptors and in particular to agonists and antagonists of G protein receptors and methods of using the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 37 USPATFULL on STN

ACCESSION NUMBER:	2003:94026	USPATFULL
TITLE:	Polyacrylamide hydrogel for arthritis	
INVENTOR(S):	Petersen, Jens, Birkerod, DENMARK	

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065389	A1	20030403
APPLICATION INFO.:	US 2001-938668	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hydrogel for use as a prosthetic device for supplementing, augmenting or replacing cartilage in the intra-articular cavity of a joint and for **treatment** or prevention of **arthritis**. The hydrogel may be a polyacrylamide hydrogel obtained by combining acrylamide and methylene bis-acrylamide. A prosthetic device comprising the polyacrylamide hydrogel is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2002:273768 USPATFULL
 TITLE: DRILL HEAD FOR USE IN PLACING AN INTERVERTEBRAL DISC DEVICE
 INVENTOR(S): BRYAN, VINCENT, MERCER ISLAND, WA, UNITED STATES
 KUNZLER, ALEX, BELLEVUE, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151901	A1	20021017
APPLICATION INFO.:	US 1997-944234	A1	19971006 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SUGHRUE MION ZINN MACPEAK & SEAS, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., WASHINGTON, DE, 20037-3213		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	303		

AB A drill head for preparing the bone of two opposing intervertebral bodies to accept the concaval-convex shape of an **endoprosthesis** includes a form cutter portion, drive means, and a housing. The form cutter having such a profile allows the drill head to fit in the narrow space between two opposing intervertebral bodies in the cervical spine of a patient.

L2 ANSWER 8 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2001:154550 USPATFULL
 TITLE: Compositions and methods for intervertebral disc reformation
 INVENTOR(S): Gan, Jean Chin Chin, Ardmore, PA, United States
 Ducheyne, Paul, Rosemont, PA, United States
 Vresilovic, Edward, Philadelphia, PA, United States
 Shapiro, Irving, Philadelphia, PA, United States
 PATENT ASSIGNEE(S): The Trustees of the University of Pennsylvania (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001020476	A1	20010913
	US 6569442	B2	20030527
APPLICATION INFO.:	US 2001-833284	A1	20010412 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-314511, filed on 19 May		

1999, GRANTED, Pat. No. US 6240926 Division of Ser. No.
US 1996-694191, filed on 8 Aug 1996, GRANTED, Pat. No.
US 5964807

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Woodcock Washburn Kurtz, Mackiewicz & Norris LLP, One
Liberty Place - 46th Floor, Philadelphia, PA, 19103
NUMBER OF CLAIMS: 44
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 776
AB Methods of reforming degenerated intervertebral discs are provided in
accordance with methods of the invention. Hybrid materials useful in
methods of the present invention are also provided.

L2 ANSWER 9 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2001:81254 USPATFULL
TITLE: Compositions and methods for intervertebral disc
reformation
INVENTOR(S): Chin Gan, Jean Chin, Ardmore, PA, United States
Ducheyne, Paul, Rosemont, PA, United States
Vresilovic, Edward, Philadelphia, PA, United States
Shapiro, Irving, Philadelphia, PA, United States
PATENT ASSIGNEE(S): The Trustees of the University of Pennsylvania,
Philadelphia, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6240926	B1	20010605
APPLICATION INFO.:	US 1999-314511		19990519 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-694191, filed on 8 Aug 1996, now patented, Pat. No. US 5964807		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Willse, David H.		
ASSISTANT EXAMINER:	O'Hara, Kelly		
LEGAL REPRESENTATIVE:	Woodcock Washburn Kurtz Mackiewicz & Norris LLP		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	725		
AB	Methods of reforming degenerated intervertebral discs. Hybrid materials useful in methods of reforming degenerated intervertebral discs.		

L2 ANSWER 10 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2000:163828 USPATFULL
TITLE: Human spinal disc prosthesis
INVENTOR(S): Bryan, Vincent, Mercer Island, WA, United States
Kunzler, Alex, Bellevue, WA, United States
PATENT ASSIGNEE(S): Spinal Dynamics Corporation, Mercer Island, WA, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6156067		20001205
APPLICATION INFO.:	US 1997-856846		19970515 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-681230, filed on 22 Jul 1996, now patented, Pat. No. US 5674296 which is a continuation-in-part of Ser. No. US 1994-339490, filed on 14 Nov 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		

PRIMARY EXAMINER: Isabella, David J.
ASSISTANT EXAMINER: Nguyen, Tram A.
LEGAL REPRESENTATIVE: Hill & Simpson
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 10 Drawing Page(s)
LINE COUNT: 414

AB The invention relates to a spinal disc **endoprosthesis**. The **endoprosthesis** has a resilient body formed of one or more materials which may vary in stiffness from a relatively stiff exterior annular gasket portion to a relatively supple central nucleus portion. Concaval-convex elements at least partly surround that nucleus portion so as to retain the nucleus portion and gasket between adjacent vertebral bodies in a patient's spine. Assemblies of **endoprosthetic** discs, **endoprosthetic** vertebral bodies, and **endoprosthetic** longitudinal ligaments may be constructed. To implant this **endoprosthesis** assembly, information is obtained regarding the size, shape, and nature of a patient's damaged spine. Thereafter, one or more prosthetic vertebral bodies and disc units are constructed in conformity with that information. Finally, the completed and conformed vertebral body and disc assembly is implanted in the patient's spine.

=> d 12 11-21

L2 ANSWER 11 OF 37 USPATFULL on STN
AN 2000:124780 USPATFULL
TI Method to detect bone and other connective tissue disorders in humans and animals
IN Robins, Simon Peter, Bucksburn, United Kingdom
PA The Rowett Research Institute, United Kingdom (non-U.S. corporation)
PI US 6121002 20000919
AI US 1995-486276 19950606 (8)
RLI Continuation of Ser. No. US 1992-982414, filed on 27 Nov 1992, now abandoned which is a continuation of Ser. No. US 1991-739150, filed on 31 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-633379, filed on 26 Dec 1990, now abandoned
DT Utility
FS Granted
LN.CNT 1212
INCL INCLM: 435/007.100
INCLS: 435/007.900; 436/512.000; 436/518.000; 436/086.000; 436/087.000; 530/356.000; 530/387.900
NCL NCLM: 435/007.100
NCLS: 435/007.900; 436/086.000; 436/087.000; 436/512.000; 436/518.000; 530/356.000; 530/387.900
IC [7]
ICM: G01N033-53
EXF 435/7.1; 435/7.9; 435/7.92; 435/7.94; 435/70.21; 435/240.26; 435/240.27; 435/810; 435/975; 436/512; 436/518; 436/530; 436/531; 436/548; 436/86; 436/87; 436/161; 530/387.1; 530/387.9; 530/388.1; 530/389.9; 530/391.1; 530/391.5; 530/391.7
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 12 OF 37 USPATFULL on STN
AN 1999:162989 USPATFULL
TI Human spinal disc prosthesis with hinges
IN Bryan, Vincent, 4624 E. Mercer Way, Mercer Island, WA, United States 98040
Kunzler, Alex, 422 140th SE., Bellevue, WA, United States
PI US 6001130 19991214
AI US 1997-944378 19971006 (8)

RLI Continuation-in-part of Ser. No. US 1996-681230, filed on 22 Jul 1996, now patented, Pat. No. US 5674296 which is a continuation-in-part of Ser. No. US 1994-339490, filed on 14 Nov 1994, now abandoned

DT Utility
FS Granted

LN.CNT 606

INCL INCLM: 623/017.000

INCLS: 606/061.000

NCL NCLM: 623/017.160

NCLS: 606/061.000

IC [6]

ICM: A61F002-44

EXF 623/16; 623/17; 623/18; 606/60; 606/61; 606/70-73

L2 ANSWER 13 OF 37 USPATFULL on STN

AN 1999:124145 USPATFULL

TI Compositions and methods for intervertebral disc reformation

IN Gan, Jean Chin Chin, Ardmore, PA, United States

Ducheyne, Paul, Rosemont, PA, United States

Vresilovic, Edward, Philadelphia, PA, United States

Shapiro, Irving, Philadelphia, PA, United States

PA Trustees of the University of Pennsylvania, Philadelphia, PA, United States (U.S. corporation)

PI US 5964807 19991012

AI US 1996-694191 19960808 (8)

DT Utility

FS Granted

LN.CNT 733

INCL INCLM: 623/017.000

INCLS: 623/011.000; 623/016.000; 427/002.100; 427/002.240

NCL NCLM: 424/423.000

NCLS: 427/002.100; 427/002.240; 623/017.160

IC [6]

ICM: A61F002-44

EXF 623/11; 623/16; 623/17; 623/18; 427/2.1; 427/2.24

L2 ANSWER 14 OF 37 USPATFULL on STN

AN 1999:15211 USPATFULL

TI Human spinal disc prosthesis

IN Bryan, Vincent, 4624 E. Mercer Way, Mercer Island, WA, United States 98040

Kunzler, Alex, 4422 140th, SE., Bellevue, WA, United States 98002

PI US 5865846 19990202

AI US 1997-856513 19970515 (8)

RLI Division of Ser. No. US 1996-681230, filed on 22 Jul 1996, now patented, Pat. No. US 5674296 which is a continuation-in-part of Ser. No. US 1994-339490, filed on 14 Nov 1994, now abandoned

DT Utility

FS Granted

LN.CNT 457

INCL INCLM: 623/017.000

INCLS: 606/061.000; 606/086.000; 606/087.000

NCL NCLM: 128/898.000

NCLS: 606/061.000; 606/086.000; 606/087.000; 623/017.160

IC [6]

ICM: A61F002-44

EXF 623/16; 623/17; 606/60; 606/61; 606/72; 606/73; 606/86; 606/87

L2 ANSWER 15 OF 37 USPATFULL on STN

AN 97:120511 USPATFULL

TI Method to detect bone and other connective tissue disorders in humans and animals

IN Robins, Simon Peter, Aberdeen, Scotland

PA The Rowett Research Institute, Aberdeen, Scotland (non-U.S. corporation)

PI US 5700694 19971223
 AI US 1995-485823 19950606 (8)
 RLI Continuation of Ser. No. US 1993-41761, filed on 2 Apr 1993, now
 abandoned which is a continuation of Ser. No. US 1990-633379, filed on
 26 Dec 1990, now abandoned
 PRAI GB 1989-29366 19891230
 DT Utility
 FS Granted
 LN.CNT 1016
 INCL INCLM: 436/064.000
 INCLS: 435/007.920; 435/007.940; 435/007.230; 436/531.000; 436/086.000;
 436/087.000; 436/161.000; 436/811.000; 436/813.000; 436/815.000
 NCL NCLM: 436/064.000
 NCLS: 435/007.230; 435/007.920; 435/007.940; 436/086.000; 436/087.000;
 436/161.000; 436/531.000; 436/811.000; 436/813.000; 436/815.000
 IC [6]
 ICM: G01N033-48
 EXF 435/7.1; 435/7.9; 435/7.92; 435/7.94; 435/70.21; 435/7.23; 435/240.26;
 435/240.27; 435/810; 435/975; 436/64; 436/512; 436/518; 436/530;
 436/531; 436/548; 436/86; 436/87; 436/161; 436/813; 436/811; 436/815;
 530/387.1; 530/387.9; 530/388.1; 530/389.9; 530/391.1; 530/391.5;
 530/391.7

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 37 USPATFULL on STN
 AN 97:120510 USPATFULL
 TI Method to detect bone and other connective tissue disorders in humans
 and animals
 IN Robins, Simon Peter, Aberdeen, Scotland
 PA The Rowett Research Institute, Aberdeen, Scotland (non-U.S. corporation)
 PI US 5700693 19971223
 AI US 1995-471364 19950606 (8)
 RLI Continuation of Ser. No. US 1993-41761, filed on 2 Apr 1993, now
 abandoned which is a continuation of Ser. No. US 1990-633379, filed on
 26 Dec 1990, now abandoned
 PRAI GB 1989-29366 19891230
 DT Utility
 FS Granted
 LN.CNT 991
 INCL INCLM: 436/064.000
 INCLS: 435/007.920; 435/007.940; 435/007.230; 436/531.000; 436/086.000;
 436/087.000; 436/161.000; 436/811.000; 436/813.000; 436/815.000
 NCL NCLM: 436/064.000
 NCLS: 435/007.230; 435/007.920; 435/007.940; 436/086.000; 436/087.000;
 436/161.000; 436/531.000; 436/811.000; 436/813.000; 436/815.000
 IC [6]
 ICM: G01N033-48
 EXF 435/7.1; 435/7.9; 435/7.92; 435/7.23; 435/7.94; 435/70.21; 435/240.26;
 435/240.27; 435/810; 435/975; 435/64; 436/512; 436/518; 436/530;
 436/531; 436/548; 436/86; 436/87; 436/161; 436/811; 436/813; 436/815;
 530/387.1; 530/387.9; 530/388.1; 530/389.1; 530/391.1; 530/391.5;
 530/391.7

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 37 USPATFULL on STN
 AN 97:90974 USPATFULL
 TI Human spinal disc prosthesis
 IN Bryan, Vincent, Mercer Island, WA, United States
 Kunzler, Alex, Bellevue, WA, United States
 PA Spinal Dynamics Corporation, Bellevue, WA, United States (U.S.
 corporation)
 PI US 5674296 19971007
 AI US 1996-681230 19960722 (8)
 RLI Continuation-in-part of Ser. No. US 1994-339490, filed on 14 Nov 1994,

now abandoned

DT Utility

FS Granted

LN.CNT 560

INCL INCLM: 623/017.000

INCLS: 606/061.000

NCL NCLM: 623/017.160

NCLS: 606/061.000

IC [6]

ICM: A61F002-44

EXF 623/16-17; 623/18; 606/61; 606/72; 606/73

L2 ANSWER 18 OF 37 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1418188 EUROPATFULL ED 20040513 EW 200420 FS OS

TIEN Polyacrylamide hydrogel and its use as an **endoprosthesis**.

TIDE Polyacrylamidhydrogel und seine Verwendung als Endoprothese.

TIFR Hydrogel de polyacrylamide et son utilisation comme endoprothese.

IN The designation of the inventor has not yet been filed

PA Contura S.A., Grand'Rue 3, 1820 Montreux, CH

SO Wila-EPZ-2004-H20-T1a

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;
R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK;
R RO; R SI

PIT EPA2 EUROPAEISCHE PATENTANMELDUNG

PI EP 1418188 A2 20040512

OD 20040512

AI EP 2004-2645 20010825

PRAI DK 2000-20001262 20000825

RLI EP 1287048 DIV

IC ICM C08F220-56

ICS A61L027-16 A61L027-52 C08L033-26

L2 ANSWER 19 OF 37 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1166725 EUROPATFULL ED 20020121 EW 200201 FS OS

TIEN Human spinal disc prosthesis.

TIDE Menschliche Zwischenwirbel-Prothese.

TIFR Prothese vertebrale humaine.

IN Bryan, Vincent, 4624 East Mercer Way, Mercer Island, WA 98040, US;

Kunzler, Alex, 4422 140th South East, Bellevue, Washington, US

PA Spinal Dynamics Corporation, 4264 East Mercer Way, Mercer Island,
Washington 98040, US

SO Wila-EPZ-2002-H01-T2b

DS R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT;
R LI; R LU; R MC; R NL; R PT; R SE

PIT EPA2 EUROPAEISCHE PATENTANMELDUNG

PI EP 1166725 A2 20020102

OD 20020102

AI EP 2001-123288 19970606

PRAI US 1996-681230 19960722

RLI EP 820740 DIV

IC ICM A61F002-44

L2 ANSWER 20 OF 37 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 820740 EUROPATFULL ED 19980208 EW 199805 FS OS

TIEN Human spinal disc prosthesis.

TIDE Menschliche Zwischenwirbel-Prothese.
 TIFR Prothese vertebrale humaine.
 IN Bryan, Vincent, 4624 East Mercer Way, Mercer Island, Washington 98040, US;
 Kunzler, Alex, 4422 140th, S.E., Bellevue, Washington, US
 PA Bryan, Vincent, 4624 East Mercer Way, Mercer Island, Washington 98040, US;
 Kunzler, Alex, 4422 140th, S.E., Bellevue, Washington, US
 SO Wila-EPZ-1998-H05-T2b
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT;
 R LI; R LU; R MC; R NL; R PT; R SE
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG
 PI EP 820740 A1 19980128
 OD 19980128
 AI EP 1997-303934 19970606
 PRAI US 1996-681230 19960722
 IC ICM A61F002-44

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 820740 EUROPATFULL UP 20031111 EW 200345 FS PS
 TIEN Human spinal disc prosthesis.
 TIDE Menschliche Zwischenwirbel-Prothese.
 TIFR Prothese vertebrale humaine.
 IN Bryan, Vincent, 4624 East Mercer Way, Mercer Island, Washington 98040, US;
 Kunzler, Alex, 4422 140th, S.E., Bellevue, Washington, US
 PA SDGI Holdings, Inc., 1800 Pyramid Place, Memphis, Tennessee 38132, US
 SO Wila-EPS-2003-H45-T2
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT;
 R LI; R LU; R MC; R NL; R PT; R SE
 PIT EPB1 EUROPÄISCHE PATENTSCHRIFT
 PI EP 820740 B1 20031105
 OD 19980128
 AI EP 1997-303934 19970606
 PRAI US 1996-681230 19960722
 REP EP 176728 A DE 2263842 A
 FR 2718635 A SU 895433 A
 US 4955908 A
 IC ICM A61F002-44

L2 ANSWER 21 OF 37 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 618448 EUROPATFULL ED 20000130 EW 199440 FS OS STA B
 TIEN Method to detect bone and other connective tissue disorders in humans and animals.
 TIDE Verfahren zum Nachweis von Störungen der Knochen und anderen Bindegewebes in Menschen und Tieren.
 TIFR Methode pour la detection des desordres des os et d'autres tissus connectifs sur les humains et les animaux.
 IN Die Erfindernennung liegt noch nicht vor
 PA The Rowett Research Institute, Greenburn Road Bucksburn, Aberdeen AB2 9SB Scotland, GB
 SO Wila-EPZ-1994-H40-T2a
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;
 R NL; R SE
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG
 PI EP 618448 A1 19941005
 OD 19941005
 AI EP 1994-108293 19901228
 PRAI GB 1989-29366 19891230
 RLI EP 507831 DIV

IC ICM G01N033-68
ICS G01N033-577 C12P021-08 C12N005-20

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 618448 EUROPATFULL UP 20000430 EW 200016 FS PS
TIEN Method to detect bone and other connective tissue disorders in humans and animals.
TIDE Verfahren zum Nachweis von Knochen- und anderen Bindegewebeerkrankungen in Menschen und Tieren.
TIFR Methode pour la detection des desordres des os et d'autres tissus connectifs sur les humains et les animaux.
IN Robins, Simon, 23 Middle Park Inverurie, Aberdeenshire AB5 9QW, GB
PA The Rowett Research Institute, Greenburn Road Bucksburn, Aberdeen AB2 9SB Scotland, GB
SO Wila-EPS-2000-H16-T2
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT
PI EP 618448 B1 20000419
OD 19941005
AI EP 1994-108293 19901228
PRAI GB 1989-29366 19891230
RLI EP 507831 DIV
REP WO 89-12824 A US 5620861 A
REN ANNALS OF THE RHEUMATIC DISEASES, vol.48, no.8, August 1989, LONDON, GB pages 641 - 644 D. BLACK ET AL. 'Urinary excretion of the hydroxypyridinium cross links of collagen in patients with rheumatoid arthritis.' CALCIFIED TISSUE INTERNATIONAL, vol.44, no.5, May 1989, NEW YORK, US pages 343 - 347 D. BLACK ET AL. 'Excretion of pyridinium cross-links of collagen in ovariectomized rats as urinary markers for increased bone resorption.' ANALYTICAL BIOCHEMISTRY, vol.169, no.1, 15 February 1988, NEW YORK US pages 197 - 203 D. BLACK ET AL. 'Quantitative analysis of pyridinium crosslinks of collagen in urine using ion-paired reversed-phase high-performance liquid chromatography' THE JOURNAL OF RHEUMATOLOGY, vol.16, no.7, 1989 pages 964 - 970 M. J. SEIBEL ET AL. 'Urinary hydroxy-pyridinium crosslinks provide indices of cartilage and bone involvement in arthritic diseases' ROBINS S.P.: 'An enzyme-linked immunoassay for the collagen cross-link pyridinoline' BIOCHEM. J. vol. 207, 1982, GREAT BRITAIN, pages 617 - 620 ROBINS S.P.: 'Cross-linking of collagen' BIOCHEM. J. vol. 215, 1983, GREAT BRITAIN, pages 167 - 173 ROBINS S.P. ET AL.: 'Measurement of the cross linking compound, pyridinoline, in urine as an index of collagen degradation in joint disease' ANNALS OF THE RHEUMATIC DISEASES vol. 45, 1986, pages 969 - 973 TOBIN, T. ET AL.: 'Non-isotopic immunoassay drug tests in racing horses: A review of their application to pre- and post-race testing, drug quantitation and human drug testing' RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY vol. 62, no. 3, December 1988, pages 371 - 395 SIDKI, A. ET AL.: 'Quinine directly determined in serum or urine by separation fluoroimmunoassay' CLINICAL CHEMISTRY vol. 33, no. 4, 1987, pages 463 - 467 BJERCKE, R.J. ET AL.: 'Stereospecific monoclonal antibodies to nicotine and cotinine and their use in enzyme-linked immunosorbent assays' JOURNAL OF IMMUNOLOGICAL METHODS vol. 90, 1986, pages 203 - 213 SONSALLA P.K. ET AL: 'An evaluation of the TDxTM fluorescence polarization immunoassays for procainamide and n-acetylprocainamide' JOURNAL OF ANALYTICAL TOXICOLOGY vol. 9, 1985, pages 152 - 155 MILLER, R.L AND VERMA, P.S.: 'A radioimmunoassay for physostigmine in biological fluids and tissues' JOURNAL OF PHARMACEUTICAL & BIOMEDICAL ANALYSIS vol. 7, no. 8, 1989, GREAT BRITAIN, pages 955 - 963
IC ICM G01N033-68
ICS G01N033-577 C07K016-44

=> d 12 11 ibib abs

L2 ANSWER 11 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2000:124780 USPATFULL
TITLE: Method to detect bone and other connective tissue disorders in humans and animals
INVENTOR(S): Robins, Simon Peter, Bucksburn, United Kingdom
PATENT ASSIGNEE(S): The Rowett Research Institute, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6121002		20000919
APPLICATION INFO.:	US 1995-486276		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-982414, filed on 27 Nov 1992, now abandoned which is a continuation of Ser. No. US 1991-739150, filed on 31 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-633379, filed on 26 Dec 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Stucker, Jeffrey		
LEGAL REPRESENTATIVE:	Powers, Vincent M.Iota Pi Law Group		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	1212		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed to methods to assess connective tissue, especially bone, metabolism in disease or to monitor therapy, which method comprises assessing the levels of native free collagen-derived crosslinks in biological fluids, especially urine. The method can be enhanced by concomitantly determining the levels of an indicator of bone formation in biological fluids of the same individual and assessing the differences between the degradation marker and the formation indicator. Antibodies which are specifically immunoreactive with forms of crosslinks which occur free in biological fluids are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 12 22-32 ibib abs

L2 ANSWER 22 OF 37 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 507831 EUROPATFULL EW 199519 FS PS STA B
TITLE: METHOD TO DETECT BONE AND OTHER CONNECTIVE TISSUE DISORDERS IN HUMANS AND ANIMALS.
VERFAHREN ZUR DETEKTION VON KNOCHEN- UND ANDEREN BINDEGEWEBEERKRANKUNGEN BEI MENSCHEN UND TIEREN.
METHODE DE DETECTION D'ANOMALIES DES OS ET DU TISSU CONJONCTIF CHEZ L'HOMME ET L'ANIMAL.
INVENTOR(S): ROBINS, Simon, Peter, 23 Middle Park, Inverurie Aberdeenshire AB5 9QW, GB
PATENT ASSIGNEE(S): The Rowett Research Institute, Greenburn Road Bucksburn, Aberdeen AB2 9SB Scotland, GB
PATENT ASSIGNEE NO: 1020840
AGENT: West, Alan Harry et al, R.G.C. Jenkins & Co. 26 Caxton Street, London SW1H 0RJ, GB
AGENT NUMBER: 37493
OTHER SOURCE: EPB1995037 EP 0507831 B1 950510
SOURCE: Wila-EPS-1995-H19-T2

DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
 PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 507831	B1 19950510
'OFFENLEGUNGS' DATE:		19921014
APPLICATION INFO.:	EP 1991-901884	19901228
PRIORITY APPLN. INFO.:	GB 1989-29366	19891230
RELATED DOC. INFO.:	WO 90-GB2030	901228 INTAKZ
	WO 9110141	910711 INTPNR
REFERENCE PAT. INFO.:	EP 394296 A	WO 89-12824 A
REF. NON-PATENT-LIT.:	CALCIFIED TISSUE INTERNATIONAL, vol. 44, 1989; D. BLACK et al., pp. 343-347 JOURNAL OF BIOCHEMISTRY, vol. 94, 1983; pp. 1133-1136 THE JOURNAL OF RHEUMATOLOGY, vol. 16, no. 7, 1989, M.J. SEIBEL et al.; pp. 964-970 ANALYTICAL BIOCHEMISTRY, vol. 169, 1988, D. BLACK et al.; pp. 197-203	

L2 ANSWER 23 OF 37 MEDLINE on STN

ACCESSION NUMBER: 2002634693 MEDLINE

DOCUMENT NUMBER: PubMed ID: 12395156

TITLE: [Osteotomies in malalignments of the lower extremities].
 Korrekturen bei Asymmetrien der unteren Extremität.

AUTHOR: Keppler P; Suger G; Kinzl L; Strecker W

CORPORATE SOURCE: Universitat Ulm, Abteilung für Unfallchirurgie, Hand- und Wiederherstellungschirurgie, Ulm/Donau, Germany..
 peter.keppler@medizin.uni-ulm.de

SOURCE: Der Chirurg; Zeitschrift für alle Gebiete der operativen Medizin, (2002 Oct) 73 (10) 982-9.
 Journal code: 16140410R. ISSN: 0009-4722.

PUB. COUNTRY: Germany; Germany, Federal Republic of

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: German

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200304

ENTRY DATE: Entered STN: 20021024

Last Updated on STN: 20030417

Entered Medline: 20030415

AB The surgical correction of malalignments of the lower extremities is a very demanding procedure. It requires extensive knowledge of: (1) fundamental lower extremity biomechanics, (2) various diagnostic modalities, and (3) methodology for multidimensional preoperative planning. Despite advanced techniques in diagnostics and surgery, the history of the patient and a physical examination are still the first steps in the diagnostic chain. The knowledge of the method-dependent normal values, their physiological range and intra-individual differences are a prerequisite. In posttraumatic deformities, the healthy leg is a good reference for the patient's geometric orientation. As a rule, values differing by three times the standard deviation or more are good indications for an operation. These are 15 and 12 mm for the upper and lower leg, 18 and 15 mm for the whole leg and only 3 degrees mm for the mechanical leg axis measured using computer tomography and long standing x-rays, respectively. The indication for surgical correction is not only based on geometric data. The patient's functional needs, **symptoms**, complaints and compensation possibilities must also be taken into account. The lower extremities have to be assessed in a psychosocial context. Among the huge number of possible surgical techniques, the procedure best suited for the patient has to be selected. This requires extensive knowledge and advanced technical skills from the treating

orthopaedic surgeon. In supracondylar or high tibial osteotomies for the **treatment** of medial **arthritis** of the knee joint, the patient should be informed of the long term prognosis and **endoprosthetic** alternatives. Today, percutaneous epiphysiodesis is a very reliable and minimally invasive surgical technique for correcting the length and axis of the lower extremity in children between 10 and 14 years. With well planned epiphysiodesis procedures, it is often possible to avoid complex osteotomies in younger patients.

L2 ANSWER 24 OF 37 MEDLINE on STN
ACCESSION NUMBER: 2002473390 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12235552
TITLE: [Gonarthrititis due to Salmonella enteritidis in a patient with systemic lupus erythematosus].
Gonarthrititis durch Salmonella enteritidis bei einer Patientin mit floridem systemischen Lupus erythematoses.
AUTHOR: Gebauer C M; Borte M; Schille R; Scholz R; Schuster V; Handrick W
CORPORATE SOURCE: Klinik und Poliklinik fur Kinder und Jugendliche, Universitat Leipzig.
SOURCE: Klinische Padiatrie, (2002 Sep-Oct) 214 (5) 319-23.
Journal code: 0326144. ISSN: 0300-8630.
PUB. COUNTRY: Germany: Germany, Federal Republic of
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: German
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020918
Last Updated on STN: 20021220
Entered Medline: 20021219
AB Extraintestinal manifestations of Salmonella infection occur more frequently in immunocompromised patients than in healthy persons. About 25 % present as septic **arthritis**. Particularly patients with SLE are predisposed. We report a case of a 16-year old girl with systemic lupus erythematosus who developed septic **arthritis** of the left knee. Delayed diagnosis because of similar **symptoms** of **arthritis** due to lupus and purulent **arthritis** led to a destruction of the joint despite systemic antibiotic **treatment**. Seven months later an **endoprosthesis** was implanted with good outcome. Early diagnosis, adequate antibiotic therapy and, if necessary, surgical intervention are essential for successful **treatment**. In patients with SLE suffering from fever or **arthritis** it is necessary to think of infections particularly due to salmonella.

L2 ANSWER 25 OF 37 MEDLINE on STN
ACCESSION NUMBER: 1999018583 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9801775
TITLE: Centralization of the femoral component in cemented hip arthroplasty using guided stem insertion.
AUTHOR: Koster G; Willert H G; Ernstberger T; Kohler H P
CORPORATE SOURCE: Department of Orthopaedic Surgery, University of Gottingen, Germany.
SOURCE: Archives of orthopaedic and trauma surgery, (1998) 117 (8) 425-9.
Journal code: 9011043. ISSN: 0936-8051.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199901
ENTRY DATE: Entered STN: 19990128
Last Updated on STN: 19990128
Entered Medline: 19990112

AB In order to improve the positioning of the stem within the femur, to centralize it within the cement and to achieve a complete and homogeneous cement mantle, a new hip **endoprosthesis** with guided stem insertion was developed. The femoral component has a longitudinal channel that takes up a guidewire which directs it during insertion into the centre. The guidewire is attached to the cement stopper which is positioned in the marrow cavity before applying the bone cement. The first 100 **endoprostheses** of this type with an observation period of at least 6 years were assessed radiologically and clinically. The clinical evaluation according to the hip scores of Merle d'Aubigne and Harris revealed a marked improvement between preoperative and postoperative values for all criteria. On radiological assessment 94% of the stems had a neutral position within the femur; 98% of the stems were found to be ideally centred within the cement distally, 80% distally and proximally; 74% of the cement cuffs had a complete and homogeneous cement layer between 2 and 5 mm medially and laterally, while 25% had partially a dimension of more than 5 mm, predominantly proximally. In only 3 cases was one part of the cement mantle found to be less than 2 mm. The radiological follow-up was also documented according to the delineated zones of Gruen. It revealed zonal radiolucent lines in 15 cases, combined in 11 cases with reactive lines, never extending up to 4 zones out of 14. Five prostheses had subsided moderately between 2 and 3 mm, and only one 8 mm. None of these radiological signs was associated with clinical **symptoms**. There were five cement fractures. Two stems were symptomatic, radiologically loose and revised. Beside these two cases of aseptic loosening there was one septic case, so that in total 97% of the implants are still functioning well.

L2 ANSWER 26 OF 37 MEDLINE on STN
ACCESSION NUMBER: 95379415 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7651066
TITLE: [Uncemented **endoprosthesis** in a female patient with chronic juvenile monoarthritis of the knee (case report)].
Bescementna endoproteza u bolesnice s kronicnim juvenilnim monoartritisom koljena (prikaz bolesnice).
AUTHOR: Pecina M; Haspl M; Prohic A
CORPORATE SOURCE: Klinika za ortopediju Medicinskog Fakulteta Sveucilista u Zagrebu.
SOURCE: Lijecnicki vjesnik, (1995 Jan-Feb) 117 (1-2) 24-7.
Journal code: 0074253. ISSN: 0024-3477.
PUB. COUNTRY: Croatia
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Croatian
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199509
ENTRY DATE: Entered STN: 19951005
Last Updated on STN: 19951005
Entered Medline: 19950927

AB A case report of an 18 year-old female patient with juvenile rheumatoid monoarthritis (JRA) of the knee joint, whose **treatment** the authors have been following up during the last 14 years is presented. Previously known and reported difficulties and complications in the diagnosis of chronic juvenile rheumatoid monoarthritis are related with special reference to a specific case, a female patient in whose case the correct diagnosis and adequate **treatment** was begun three years after the first onset of **symptoms**. At the age of 15, the patient developed knee ankylosis of 20 degrees in flexion. Following this dearthrodiesis of the knee joint, cementless total knee arthroplasty was performed. The postoperative results are very encouraging, the knee joint is stable, the passive range of movement is 5/90 degrees, while the active range of motion is 10/80 degrees. Total knee arthroplasty helped to correct the previously present inequality of the lower extremities, while

the problem of an exceptionally thick patella was resolved by coronary (frontal) osteotomy of the patella. The presented case once again confirms that in selected JRA patients cementless knee arthroplasty can achieve excellent results.

L2 ANSWER 27 OF 37 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN

ACCESSION NUMBER: 1996:125048 BIOSIS
DOCUMENT NUMBER: PREV199698697183
TITLE: Pyomyositis caused by Staphylococcus aureus and acute renal failure in a patient with inactive rheumatoid **arthritis** and infection of an **endoprosthesis**.
AUTHOR(S): Oelzner, P. [Reprint author]; Hein, G.; Stein, G.
CORPORATE SOURCE: Friedrich Schiller Univ. Jena, Klin. Innere Med. IV, Erlanger Allee 101, D-07740 Jena, Germany
SOURCE: Aktuelle Rheumatologie, (1995) Vol. 20, No. 6, pp. 246-251. ISSN: 0341-051X.
DOCUMENT TYPE: Article
LANGUAGE: German
ENTRY DATE: Entered STN: 27 Mar 1996
Last Updated on STN: 27 Mar 1996

AB We describe a 64-year-old patient with severe osteoarthritis of the hip, inactive rheumatoid **arthritis** and acute renal failure. Two days after beginning of hemodialysis severe arthralgias, myalgias and myoglobinuria occurred. These **symptoms** were caused by a Staphylococcus aureus induced pyomyositis with rhabdomyolysis in the extensors of both arms. Later an infection of the **endoprosthesis** of the hip was detected. **Treatment** with surgical drainage, antibiotics and aggressive fluid substitution resulted in restoration of renal function and healing of pyomyositis. Risk factors, aspects of differential diagnosis and problems of **treatment** of pyomyositis, which is a very rare disease in Middle Europe are discussed.

L2 ANSWER 28 OF 37 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2004115783 EMBASE
TITLE: Arthroscopic **Treatment** of Septic **Arthritis** in a Patient with Posterior Stabilized Total Knee Arthroplasty.
AUTHOR: Polzhofer G.K.; Hassenpflug J.; Petersen W.
CORPORATE SOURCE: Dr. G.K. Polzhofer, Gansewiese 24, Kiel 24107, Germany. polzhofer@web.de
SOURCE: Arthroscopy - Journal of Arthroscopic and Related Surgery, (2004) 20/3 (311-313).
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ISSN: 0749-8063 CODEN: ARTHE3
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 031 Arthritis and Rheumatism
033 Orthopedic Surgery
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English

AB We report on a case of arthroscopic **treatment** of septic **arthritis** of the knee in a 73-year-old woman with a posterior stabilized knee **endoprosthesis**. Six months after arthroplasty of the right knee joint because of osteoarthritis, the patient experienced an erysipelas of the right lower leg after a cat bite. Although given intravenous antibiotic therapy, the patient developed septic **arthritis** of the right knee. Pasteurella multocida could be identified as the causative organism. The joint infection was classified as stage I according to Gachter. Via arthroscopic joint debridement, partial synovialectomy, the use of continuous irrigation-suction drains,

and intravenous antibiotic therapy, the empyema could be cured without removal of the total **endoprosthesis** of the right knee.

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on STN

ACCESSION NUMBER: 2002344247 EMBASE
TITLE: [Gonarthrititis due to Salmonella enteritidis in a patient with systemic lupus erythematosus].
GONARTHRITIS DURCH SALMONELLA ENTERITIDIS BEI EINER PATIENTIN MIT FLORIDEM SYSTEMISCHEN LUPUS ERYTHEMATODES.
AUTHOR: Gebauer C.M.; Borte M.; Schille R.; Scholz R.; Schuster V.; Handrick W.
CORPORATE SOURCE: Dr. M. Borte, Univ. Klin./Poliklin. Kndr./Jugendl., Oststrasse 21-25, 04317 Leipzig, Germany.
mborte@medizin.uni-leipzig.de
SOURCE: Klinische Padiatrie, (2002) 214/5 (319-323).
Refs: 22
ISSN: 0300-8630 CODEN: KLPDB2
COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 007 Pediatrics and Pediatric Surgery
031 Arthritis and Rheumatism
LANGUAGE: German
SUMMARY LANGUAGE: English; German

AB Extraintestinal manifestations of Salmonella infection occur more frequently in immunocompromised patients than in healthy persons. About 25% present as septic **arthritis**. Particularly patients with SLE are predisposed. We report a case of a 16-year old girl with systemic lupus erythematosus who developed septic **arthritis** of the left knee. Delayed diagnosis because of similar **symptoms** of **arthritis** due to lupus and purulent **arthritis** led to a destruction of the joint despite systemic antibiotic **treatment**. Seven months later an endoprosthesis was implanted with good outcome. Early diagnosis, adequate antibiotic therapy and, if necessary, surgical intervention are essential for successful **treatment**. In patients with SLE suffering from fever or **arthritis** it is necessary to think of infections particularly due to salmonella.

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ACCESSION NUMBER: 2002323533 EMBASE
TITLE: Dissecting popliteal cyst resulting from a fragmented, dislodged metal part of the patellar component after total knee arthroplasty.
AUTHOR: Hsu W.-H.; Hsu R.W.-W.; Huang T.-J.; Lee K.-F.
CORPORATE SOURCE: Dr. W.-H. Hsu, Department of Orthopedic Surgery, Chang Gung Memorial Hospital, Chang Gung University, 6 West, Chia-Pu Road, Putz, Chia-Yi, Taiwan, Province of China.
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SOURCE: Journal of Arthroplasty, (2002) 17/6 (792-797).
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ISSN: 0883-5403 CODEN: JOAREG
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 033 Orthopedic Surgery
LANGUAGE: English
SUMMARY LANGUAGE: English

AB Dissecting popliteal cyst is an uncommon complication after total knee arthroplasty, occurring mainly as a result of either rheumatoid **arthritis** or a malfunctioning knee prosthesis. Its association with a failed metal-backed patellar component has not been reported since the introduction of the resurfacing of the patella with this kind of design in 1980. We present a case of a late fracture-dislocation of the metal part of the patellar component that migrated to the posterior

popliteal fossa, resulting in a cystic mass formation caused by a foreign body granuloma. The patient was treated successfully with a 2-stage operation: first, revision of the total knee arthroplasty and, second, excision of the cyst. The patient had a pain-free functional knee 7 years after surgery, with no recurrence of the **symptoms** or the popliteal cyst. Copyright 2002, Elsevier Science (USA). All rights reserved.

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ACCESSION NUMBER: 2002216585 EMBASE
TITLE: Analysis of clinical and laboratory data in a group of patients with juvenile idiopathic **arthritis** (JIA) in the framework of the national register.
AUTHOR: Jarosova K.; Gatterova J.; Nemcova D.; Vavrincova P.; Brejchova I.; Lad V.; Minxova L.; Nemec V.; Zvarova J.; Kylouskova M.; Cimlerova P.
CORPORATE SOURCE: Dr. K. Jarosova, Revmatologicky Ustav, Na Slupi 4, 128 50 Praha 2, Czech Republic
SOURCE: Ceska Revmatologie, (2002) 10/2 (65-70).
Refs: 8
ISSN: 1210-7905 CODEN: CRVMEG
COUNTRY: Czech Republic
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology
031 Arthritis and Rheumatism
033 Orthopedic Surgery
037 Drug Literature Index

LANGUAGE: English

SUMMARY LANGUAGE: English

AB Objective. The objective of the presented work was to analyze data from the nationwide register of inflammatory rheumatic diseases which comprises also a group with juvenile idiopathic **arthritis**. Method. The authors evaluated data from a total of 407 patients with JIA. The whole group of patients was divided into subgroups according to the last classification (Durban, 1997). In the whole group and in individual subgroups they evaluated clinical data (type of articular affection, systemic **symptoms**, ophthalmological and skin manifestations, functional affections), some laboratory parameters and X-ray changes. Contemporary **treatment** was elaborated in greater detail, i. e. corticosteroid therapy as well as **treatment** with drugs modifying the disease. Results. The results confirmed the great heterogeneity of the disease. Serious functional affections at the time of registration were observed in 44 patients (10.8%, functional class c+d). After classification of patients into subgroups the most severe functional affection was observed in systemic **arthritis**, where functional class c was recorded in 12 (30.0%) patients. Advanced X-ray changes were present in 109 (26.8%) patients, most frequently in seropositive polyarthritis (23; 63.9%). Uveitis was diagnosed in 41 (10.1%) patients, in 28 (6.9%) chronic uveitis and in 13 (3.2%) acute uveitis. Complications, such as synechiae, zonular keratopathies and cataract or glaucoma were present in 18 (4.4%) of the patients with JIA. Contemporary **treatment** with oral corticosteroids was recorded in 186 (45.7%) patients with JIA, in particular in systemic **arthritis** (35; 87.5%) and seropositive polyarthritis (19; 52.8%). As to disease modifying druha, methotrexate was administered most frequently on half of the patients with JIA (200; 50.6%), and sulfasalazine (128; 31.5%). As to orthopaedic operations total **endoprostheses** were implanted in 22 (5.4%) and synovectomies in 57 (14.1%) JIA. Conclusion. The first analysis of data from the nationwide register indicates that JIA is a serious disease and that in a great proportion of patients it leads to functional affection and advanced X-ray changes.

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ACCESSION NUMBER: 2002099039 EMBASE
TITLE: Low molecular weight heparin aggravates infectious
arthritis triggered by *Staphylococcus aureus*.
AUTHOR: Sakiniene E.; Tarkowski A.
CORPORATE SOURCE: E. Sakiniene, Department of Rheumatology, University of
Gothenburg, Guldhedsgatan 10A, 413 46 Gothenburg, Sweden.
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SOURCE: Journal of Orthopaedic Research, (2002) 20/2 (198-203).
Refs: 36
ISSN: 0736-0266 CODEN: JOREDR
PUBLISHER IDENT.: S 0736-0266(01)00085-7
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
005 General Pathology and Pathological Anatomy
031 Arthritis and Rheumatism
033 Orthopedic Surgery
037 Drug Literature Index
052 Toxicology
LANGUAGE: English
SUMMARY LANGUAGE: English

AB Purpose. *Staphylococcus aureus* is responsible for the majority of wound infections in clean surgical procedures that involve implantation of foreign material, grafts or prosthetic devices. The aim of the study was to assess the effect of low molecular weight heparin on the development and progression of *S. aureus* **arthritis**. Materials and methods. The murine model of hematogenously acquired septic **arthritis** was used injecting intravenously toxic shock syndrome toxin-1 (TSST-1) producing *S. aureus* of LS-1 strain. Mice lacking prosthetic implants were treated with intraperitoneal injections of low molecular weight heparin, used routinely as anti-thrombotic prophylaxis following joint prosthetic surgery. Evaluation of **arthritis** was performed clinically and histopathologically. In addition, the effect of low molecular weight heparin on T cell dependent and independent inflammation was assessed. Results. Seven days after inoculation with bacteria 18 out of 19 low molecular weight heparin treated mice displayed clinical **symptoms** of **arthritis** as compared to 9 out of 23 control animals ($p < 0.05$), and the severity of **arthritis**, expressed as arthritic index, was 2.6 ± 0.5 versus 1.6 ± 0.5 ($p = 0.05$). The histopathological examination confirmed the clinical findings showing that both inflammation and joint destruction were more substantial in heparin treated animals. Conclusion. Our findings indicate that the routine anti-coagulation **treatment** with heparin contributes to more severe course of joint infection. .COPYRG. 2002 Orthopaedic Research Society. Published by Elsevier Science Ltd. All rights reserved.